

Enabling smarter, safer and more efficient room automation for office buildings



The power behind **your mission**



Creating a productive working environment



Offices come in all shapes and sizes – they also come with a specific set of challenges. They often feature a variety of communal entrances, open-plan working areas, and smaller meeting rooms. As complex and energy-intensive environments, offices need to create spaces that enable employees to be productive while optimizing operational efficiency.

Negating the need for specialist operators to manage individual systems, Johnson Controls solutions empower building managers to reduce overhead costs. User-friendly graphical interfaces enable facilities staff to interpret and respond to alerts, notifications, and emergencies quickly.

Our room automation solutions give office buildings huge advantages, empowering them to:

- improve environmental control
- enhance company experience and satisfaction
- improve building performance
- reduce the workload for facilities staff

With Johnson Controls integrated technologies and solutions, it is possible to connect to the resources, systems, devices, and services for office monitoring, analysis, and control. It is also possible to increase operational efficiency and the productivity of personnel throughout the building. Johnson Controls combines advanced technology with extensive expertise in integrating necessary functions such as HVAC, lighting, energy management, and complete building management systems to meet the unique requirements of modern offices.

The right solution gives benefits that you can measure:



Business and environmental sustainability



Rapid return on investment



Improved user experience

A full suite of solutions and services

Johnson Controls designs intelligent, energy-efficient solutions, integrated infrastructure, and security solutions that work seamlessly together to deliver on the promise of smarter, safer, and more efficient offices. Our unrivaled spectrum of innovative products is complemented by expertise in installation, service, and systems integration.

Customers benefit from our wide range of solutions and products – we are a one-stop shop for the entire lifecycle of their buildings and facilities. In the commercial buildings sector, this includes efficient working facilities, asset security and fire protection, evacuation systems, and the ever-evolving field of data management.

Offices often need to integrate multiple layers of communications and security systems – from fire alarms and selective notifications to intruder alarms and access control. By integrating all installations and information, facilities and office managers can increase efficiency, improve daily processes, and save on operational costs.

Our vision is to create a safe, comfortable, and sustainable world. We deliver technology and expertise that helps the world progress and that helps our customers win everywhere, every day – all while adhering to our core values:

Standalone and/or holistic systems delivering greater efficiency and return on investment.

Fire, safety, and security solutions that meet your unique industry requirements.

Protection of your assets, property, and personnel.



Comprehensive solutions

Johnson Controls designs energy-efficient office buildings and offers advanced air conditioning systems to enhance sustainability, energy use, and user comfort. We provide an exceptional range of products fitted with intelligent controls and monitoring systems, from standardized “plug and play” units and packages to complete customized installations that ensure each system is the best fit for your building. Offices can be busy environments where building noise has the potential to hamper productivity. Johnson Controls HVAC solutions deliver industry-leading sound performance while optimizing staff comfort levels through centralized temperature control.

Office building management system and Metasys® building automation system

Enhance employee experience, increase efficiency and reduce costs.

- 1 Building management system
- 2 Metasys® enterprise management - data analytics
- 3 Area, room, and desk occupancy monitoring
- 4 Occupant control apps (lighting, HVAC, curtains and shutters, etc)
- 5 Cleaning and sanitary monitoring

Safety and security

Guarantee people and asset security all the time.

- 6 Digital CCTV surveillance
- 7 Fire evacuation
- 8 Emergency lighting
- 9 Access controls (doors, gates, elevators)

HVAC

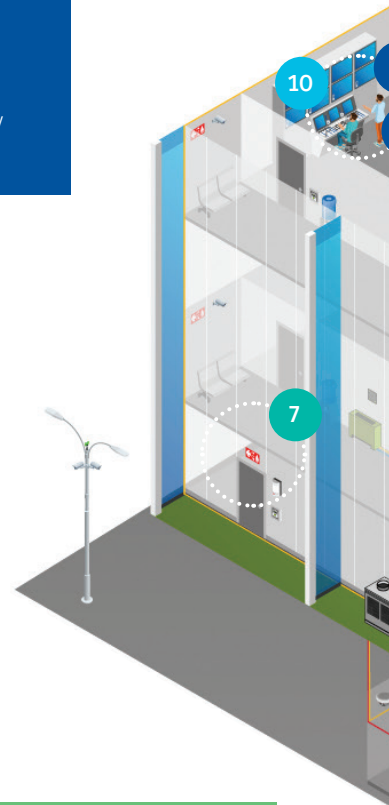
Bring comfort to your employees with our HVAC solutions.

- 10 Room controls, sensors, actuators
- 11 Rooftop evaporators
- 12 Air quality and humidity controls
- 13 Water-cooled chiller

Intelligent lighting and energy management

Enabling smarter and more sustainable buildings using intelligent energy management and storage.

- 14 Lighting control system applications
- 15 Smart thermostat with occupancy sensor
- 16 Sun blinds
- 17 Smart lighting
- 18 Energy storage
- 19 Renewable energy controls





Smart systems

Offices need smart systems that enable facilities teams to easily and cost-effectively control lighting, temperature, and security while safeguarding staff comfort.

Metasys® Building Automation System

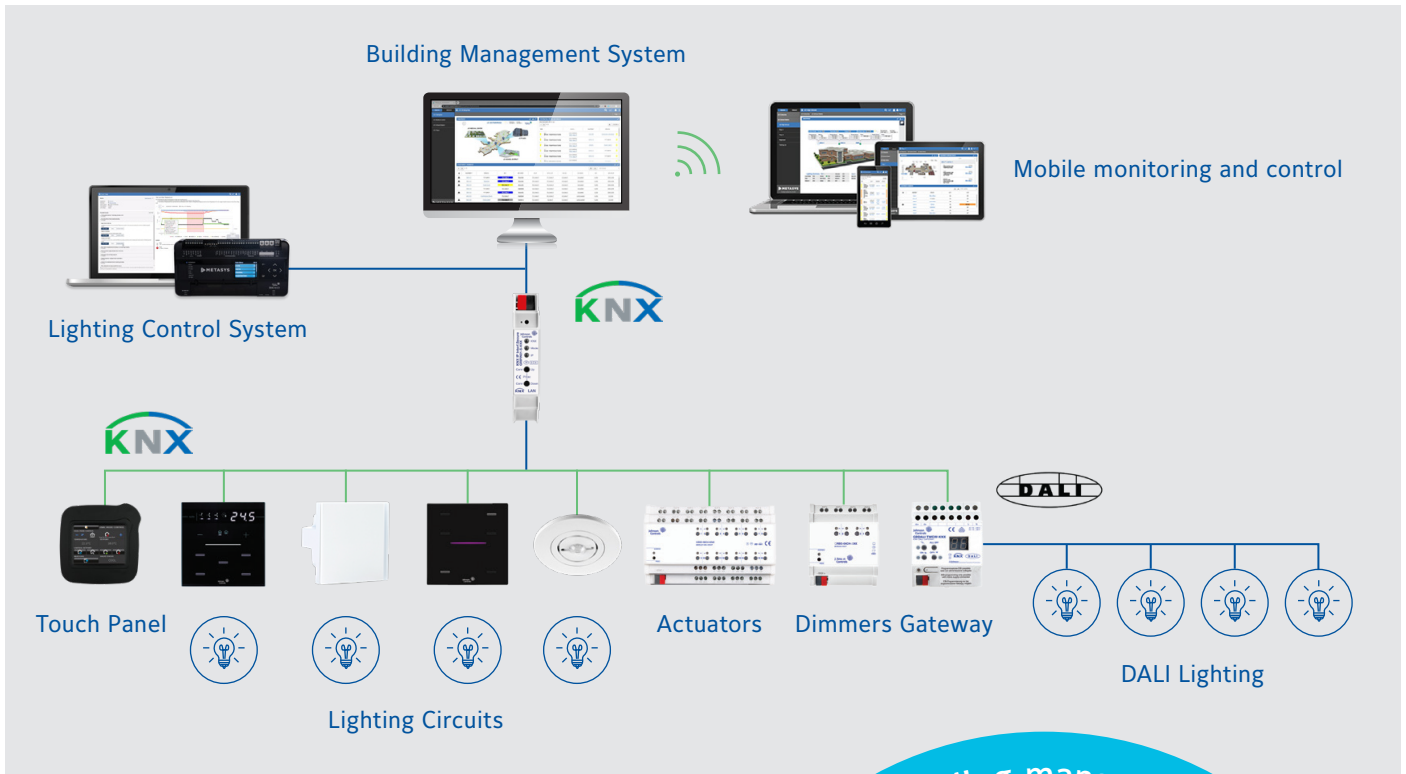
Our Metasys® Building Automation System is the foundation of modern building energy management efficiency. The world's smartest building automation system, Metasys® is an intelligent, world-class technology system that connects commercial HVAC, lighting, security, and protection systems, enabling them to communicate on a single platform to deliver the information you need. Metasys® empowers you to make smarter decisions while enhancing your staff's comfort, safety, and productivity.

Smart solutions

Johnson Controls solutions use smart technology to detect staff presence or absence and control air conditioning, lighting, and other in-room systems. The system automatically switches to an energy-saving mode when a room is unoccupied and all non-essential services are turned off. Air conditioning, lighting, and other services are reactivated at the previous settings once staff presence is detected, resulting in guaranteed comfort and improved employee productivity.

Products and solutions natively engineered for custom designs. A world of materials, finishings, and icons to optimize the employee experience and company's brand identity.

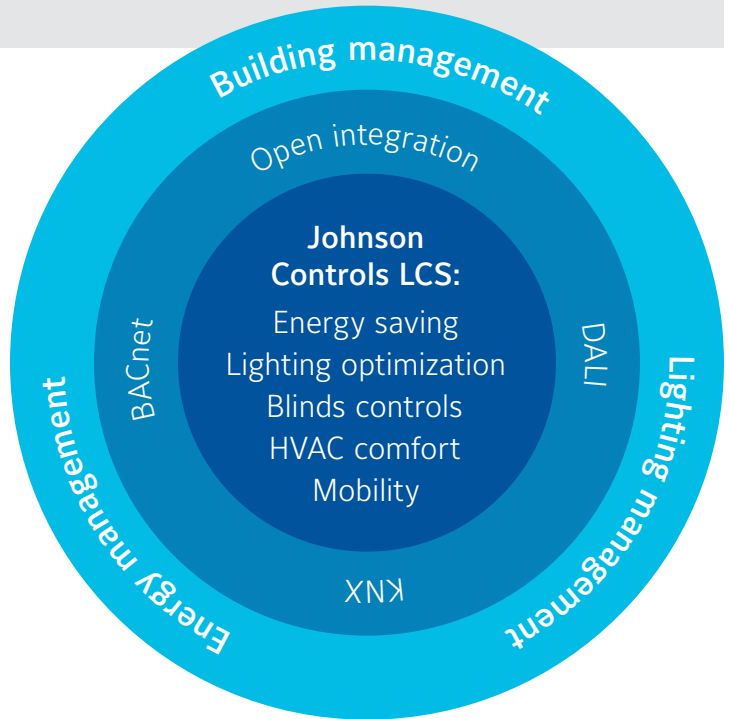




Intelligent lighting

Office buildings require flexible lighting solutions for a wide range of different environments. Lobbies, meeting rooms, and desk areas all have unique lighting requirements that are affected by access to natural light that varies around the clock and from day to day.

Human-centric intelligent lighting plays a huge role in overall comfort for staff. Ranging from manual to occupancy- and timer-based lighting control, our lighting control systems offer powerful, scalable, and versatile solutions that integrate seamlessly with building automation systems to provide an excellent experience while at the same time controlling energy consumption.



Everything can be controlled to suit the activity of the occupant:



About Johnson Controls

At Johnson Controls, we transform the environments where people live, work, learn and play. From optimizing building performance to improving safety and enhancing comfort, we drive the outcomes that matter most. We deliver our promise in industries such as healthcare, education, data centers and manufacturing. With a global team of 105,000 experts in more than 150 countries and over 130 years of innovation, we are the power behind our customers' mission. Our leading portfolio of building technology and solutions includes some of the most trusted names in the industry, such as Tyco®, York®, Metasys®, Ruskin®, Titus®, Frick®, Penn®, Sabroe®, Simplex®, Ansul® and Grinnell®.

For more information, visit www.johnsoncontrols.com or follow [@johnsoncontrols](https://twitter.com/johnsoncontrols) on Twitter

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